Eurobackup PRO: Configuration Best Practices

eurobackup

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Contents

General Best Practices 3
Installation 3
Encryption 3
Retention Policy 3
Retention Policy (advanced) 3
In-File Delta 4
Remark 4
Files Backup Set 5
Backup Schedule 5
Setting 5
System State Backup Set 6
Backup Schedule 6
Setting 6
Lotus Backup Set 7
Backup Schedule 7
Setting 7
MS Exchange Backup Set 8
Backup Schedule 8
Setting 8
MS Exchange Mail Level Backup Set 9
MS SQL Server Backup Set 10
Backup Schedule 10
Setting 10
MySQL Backup Set 11
Backup Schedule 11
Setting 11
Oracle Database Backup Set 12
Backup Schedule 12
Setting 12

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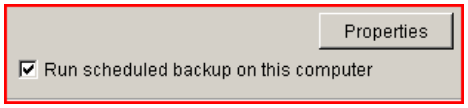
General Best Practices

This whitepaper is a general description of recommended configuration settings for Eurobackup PRO. A fully detailed explanation of the Eurobackup PRO agent can be found in the “User Manual”. You can request the user manual by sending an e-mail at support@eurobackup.com.

Installation

Eurobackup PRO can be installed on multiple computers with the same account (same username and password) but each computer has to be configured with a different backup set. A backup set can only be applied on one computer at a time. To run a backup set on a particular computer, click on the backup set in the Eurobackup PRO agent and then select “Run scheduled backup on this computer”.

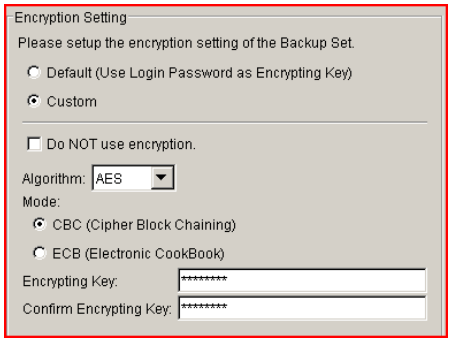


Encryption

Do not use the password as your encryption key because this key cannot be changed, even if you change the password.

It is very important to write down your encrypting key on paper and keep it in a safe place because there will be no way to restore your backup files if you lose your encrypting key.

We recommend the following settings (AES – CBC / the encryption key should be at least 8 characters long):

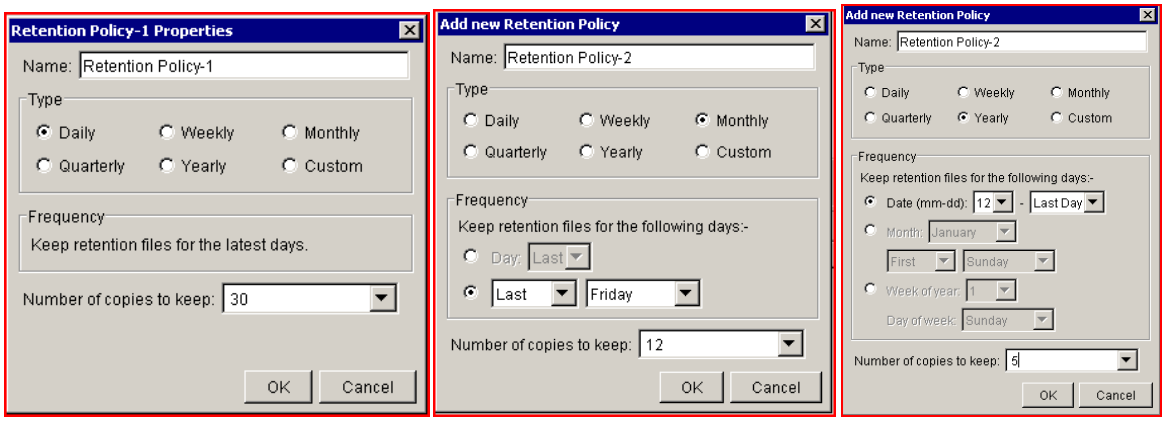


Retention Policy

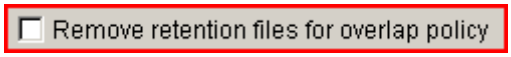
Please choose at least 30 days.

Retention Policy (advanced)

You can use the backup system to archive your data. Please find an automatic archive configuration for a retention policy of 30 days + 12 last Friday of Month + 5 last day of year.

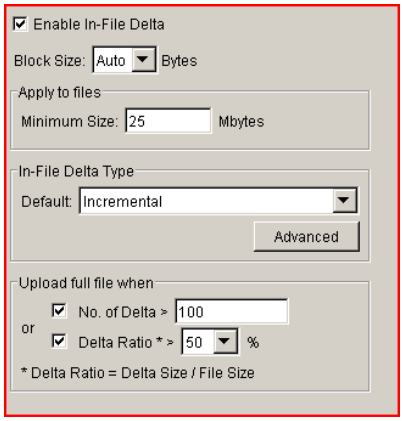


It is very important to check that the overlap setting is cleared (unchecked):

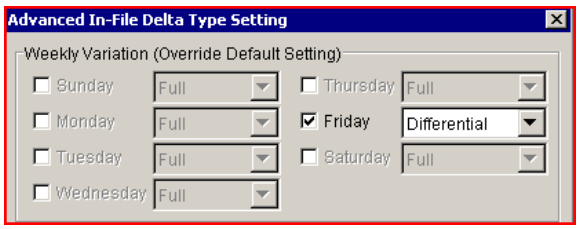


In-File Delta

We recommend the following settings:



Don't forget to configure the advanced settings as shown hereunder:



Remark

Be careful before deleting any backup set because this will immediately delete all data's related to this backup set on the backup server and on the replication server.

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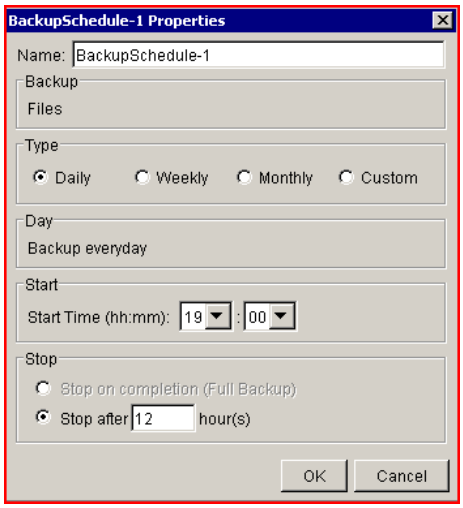
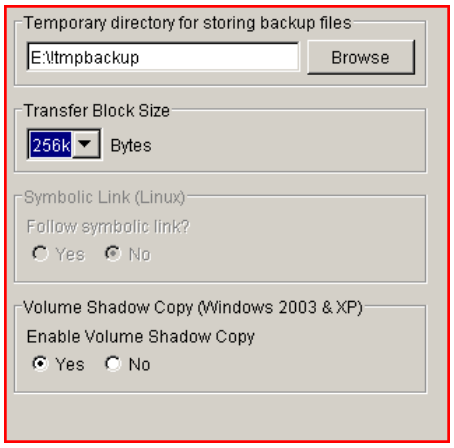
Files Backup Set

We recommend the following settings:

Backup Schedule



Setting



Please choose a path with a lot of free space for storing temporary files.

Don't forget to configure Encryption, Retention Policy and In-File Delta as described at the beginning of this document.

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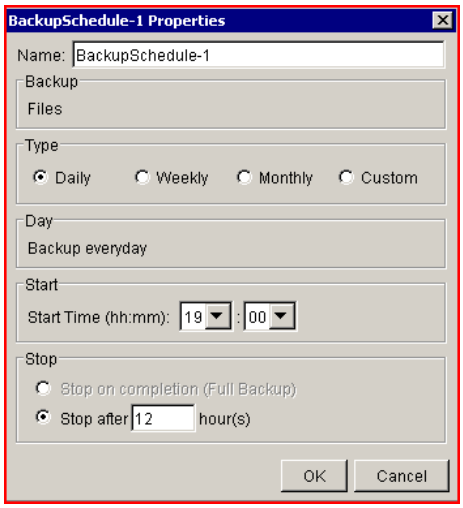
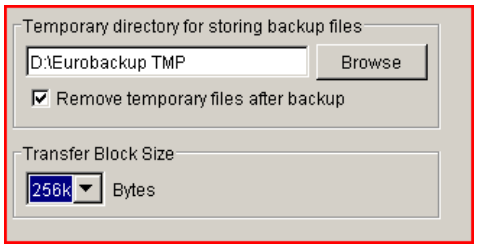
System State Backup Set

We recommend the following settings:

Backup Schedule



Setting



Please choose a path with a lot of free space for storing temporary files.

If you want to save free space, check “Remove temporary files after backup” option.

Don’t forget to configure Encryption, Retention Policy and In-File Delta as described at the beginning of this document.

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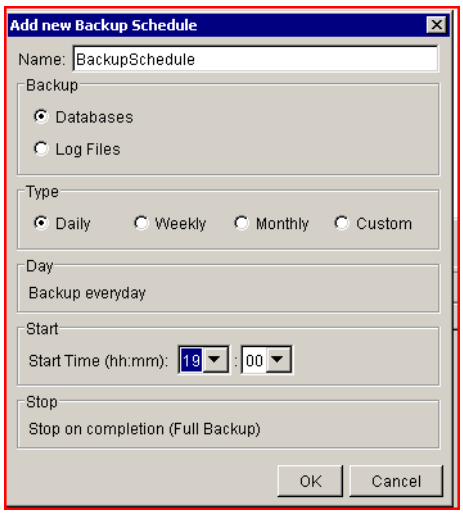
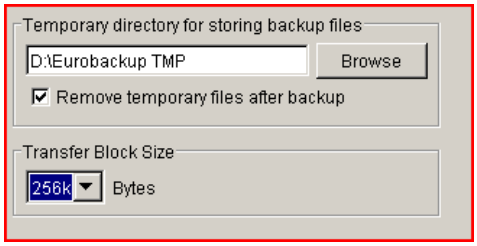
Lotus Backup Set

We recommend to take a “Full Database” backup every day. This will simplify the restore procedure without taking more space on the backup server using In-File Delta backup technology.

Backup Schedule



Setting



Please choose a path with a lot of free space for storing temporary files.

If you want to save free space, check “Remove temporary files after backup” option.

Don’t forget to configure Encryption, Retention Policy and In-File Delta as described at the beginning of this document.

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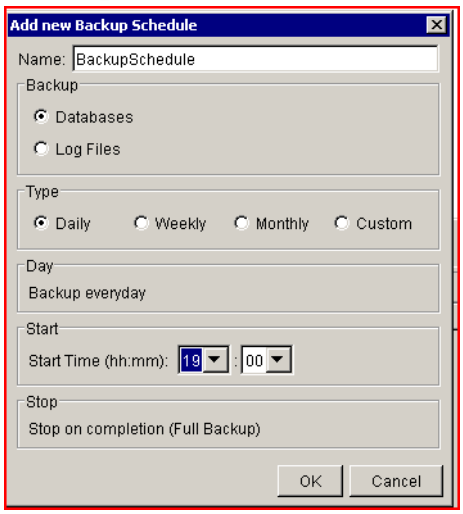
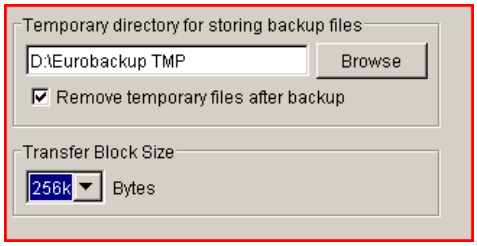
MS Exchange Backup Set

We recommend to take a “Full Database” backup every day. This will simplify the restore procedure without taking more space on the backup server using In-File Delta backup technology.

Backup Schedule



Setting



Please choose a path with a lot of free space for storing temporary files.

If you want to save free space, check “Remove temporary files after backup” option.

Don’t forget to configure Encryption, Retention Policy and In-File Delta as described at the beginning of this document.

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MS Exchange Mail Level Backup Set

The Exchange Mail Level option lets you backup and restore Exchange items one by one (mail by mail, contact by contact, appointment by appointment, …).

Please refer to the specific Mail Level whitepaper for more information's.

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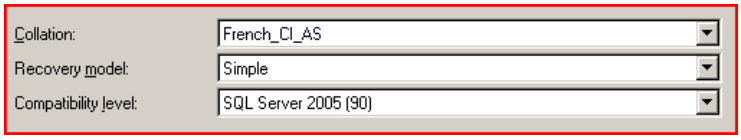
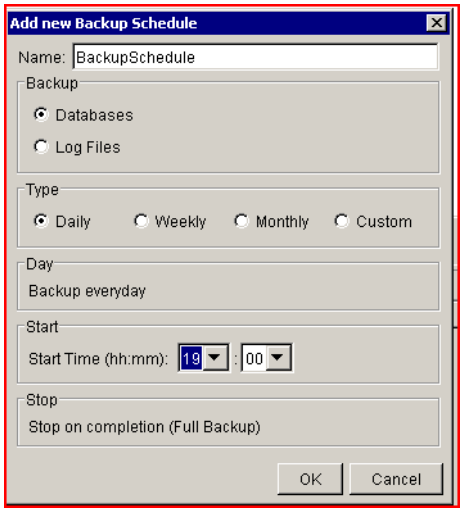
MS SQL Server Backup Set

We recommend to take a “Full Database” backup every day. This will simplify the restore procedure without taking more space on the backup server using In-File Delta backup technology.

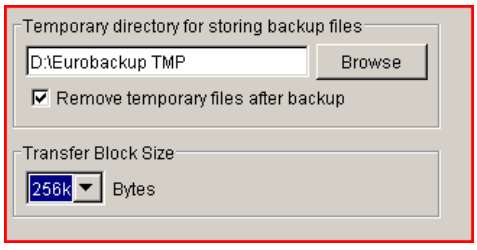
If you take a “Full Database” backup as recommended, please check that all SQL databases are configured with the “Simple” Recovery Model (to be configured in the “SQL Enterprise Manager” or in the “SQL Server Management Studio”):



Backup Schedule



Setting



Please choose a path with a lot of free space for storing temporary files.

If you want to save free space, check “Remove temporary files after backup” option.

Don’t forget to configure Encryption, Retention Policy and In-File Delta as described at the beginning of this document.

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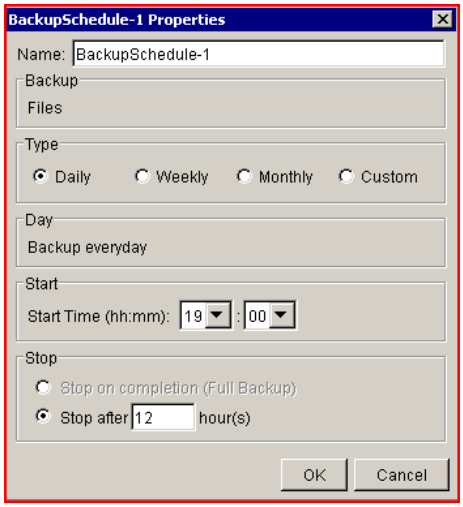
MySQL Backup Set

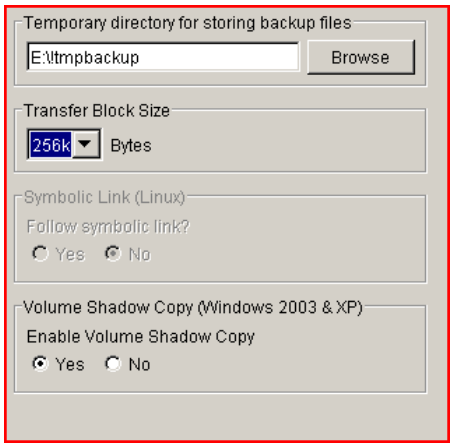
MySQL backup only works in “Full Database” mode.

We recommend the following settings:

Backup Schedule



Setting



Please choose a path with a lot of free space for storing temporary files.

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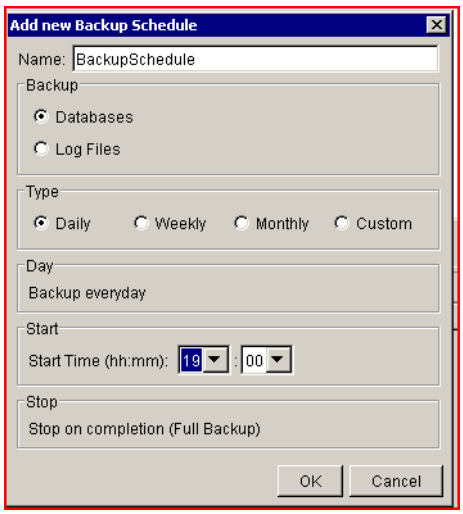
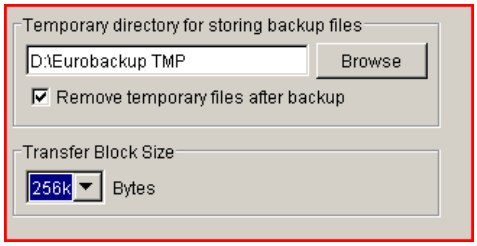
Oracle Database Backup Set

We recommend to take a “Full Database” backup every day. This will simplify the restore procedure without taking more space on the backup server using In-File Delta backup technology.

Backup Schedule



Setting



Please choose a path with a lot of free space for storing temporary files.

If you want to save free space, check “Remo temporary files after backup” option.

Don’t forget to configure Encryption, Retention Policy and In-File Delta as described at the beginning of this document.

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